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## SAWZIT 2000

### Semi Synthetic Cutting Fluid

#### Product description

SAWZIT 2000 is a semi synthetic cutting fluid. It is designed to provide excellent lubricating characteristics for cutting of all ferrous and non-ferrous metals. It is not compatible for use on magnesium. Sawzit 2000's chemistry is based on a unique blend of high-quality additives that enable this fluid to provide excellent cutting performance. Sawzit 2000 was designed to be low foaming and provide superior rust protection at ratios between 5-1 and 20-1. Sawzit 2000 runs clean, lasts long, and will not create an abundance of buildup requiring excessive maintenance, when used at the proper dilution ratio.

#### Product Application

This product is designed for cutting operations on bandsaw, cold saw, etc.

#### Features, and benefits

Use on all metals.

Non-toxic; non-flammable liquid.

Low foaming.

Does not contain nitrites, chromates, phosphates, and is oil-rejecting.

Excellent blade life.

Excellent corrosion protection.

Hard water stable.

### Physical and chemical properties

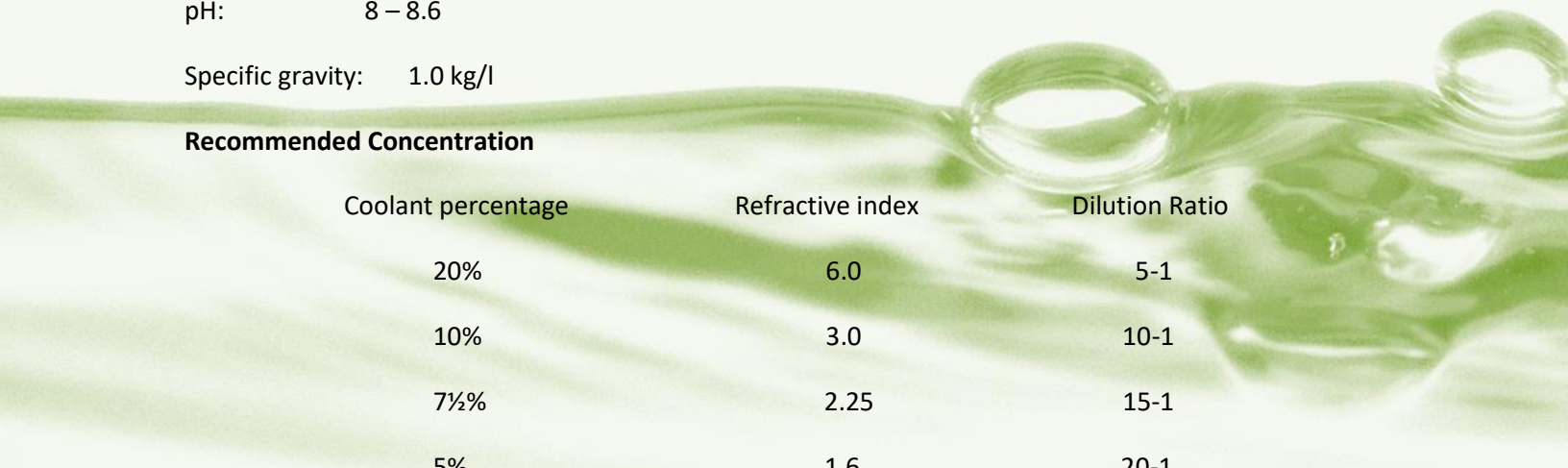
Appearance: Clear Teal Green Liquid

Appearance at dilution: Faint green appearance

pH: 8 – 8.6

Specific gravity: 1.0 kg/l

### Recommended Concentration



Coolant percentage	Refractive index	Dilution Ratio
20%	6.0	5-1
10%	3.0	10-1
7½%	2.25	15-1
5%	1.6	20-1

### Use directions

- It is always important that when working with a water-based coolant, to realize that the water evaporates rapidly. When this happens, you will need to replace the evaporated water /coolant mix. By increasing the water amount, you will be able to keep a consistent mix ratio. For instance, if you are using the coolant at a 10:1 ratio, your makeup ratio should be 15:1 to replace the water lost from evaporation. This is a general rule of thumb on this. It is recommended you use a refractometer to better keep control of your metalworking fluids.
- **Always pre-mix coolant** before adding it to the machine.
- If mixing by hand, always **add the coolant concentrate to water**, then agitate.
- Use of some type of proportioner is recommended.

### Safety and handling

Refer to Safety Data Sheet for additional information on this product.